

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

U.S. Patent No: 7,112,366 B2  
Inventor: McCreery  
Issued: September 26, 2006  
Application No.: 09/755,437  
Examiner: Ramsey Zacharia  
Group Art Unit: 1773  
Title: CHEMICAL MONOLAYER AND MICRO-ELECTRONIC JUNCTIONS AND DEVICES CONTAINING SAME  
Docket No.: OSU1159-141L

Commissioner for Patents  
Attention: Certificate of Correction Branch  
P. O. Box 1450  
Alexandria, VA 22313-1450

CERTIFICATE OF TRANSMISSION UNDER 37 C.F.R. §1.8 (A)

I hereby certify that this correspondence is being electronically transmitted to the United States Patent and Trademark Office by EFS-Web on October 2, 2006.

/Trisha M. Beachy-Bryant/  
Trisha M. Beachy-Bryant, Paralegal

REQUEST FOR CERTIFICATE OF CORRECTION PURSUANT TO 37 C.F.R. 1.323

Transmitted herewith is a Certificate of Correction for the above-identified patent to correct typographical errors made by the Patent Office in the printing of the patent and by the Applicant. Accordingly, you are authorized to charge the required fee \$100.00 to Deposit Account No. 19-4076, which is in the name of Standley Law Group LLP. It is evident after a review of the specification as filed and amended that the typographical errors were inadvertent. Correction of the errors made by the Applicant is necessary to match the specification with the drawings labeled FIGS. 1A and 1B (originally referred to FIGS. 1 and 1A in the specification). All errors should be corrected as indicated on the attached form PTO/SB/44.

Approval of the Certificate of Correction respectfully is solicited.

Respectfully submitted,

Date: October 2, 2006

By: /Michael Stonebrook/  
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CERTIFICATE OF CORRECTIONPage 1 of 2

PATENT NO. : 7,112,366 B2

APPLICATION NO.: 09/755,437

ISSUE DATE : September 26, 2006

INVENTOR(S) : McCrae

It is certified that an error appears or errors appear in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

In column 8, lines 24-33, please delete

"The molecular units between the first and second conductive components may also be chemically bound, preferably with conjugated bonds, to both conductive components. Likewise, the molecular units between any subsequent pair of conductive components, such as the second and third conductive components, may also be chemically bound, preferably with conjugated bonds to both respective conductive components. The deposition of a metal or conducting carbon film on top of the monolayer should permit electrical contact of the monolayer from both ends."

end insert

— The molecular units between the first and second conductive components may also be chemically bound, preferably with conjugated bonds, to both conductive components. Likewise, the molecular units between any subsequent pair of conductive components, such as the second and third conductive components, may also be chemically bound, preferably with conjugated bonds to both respective conductive components.

The deposition of a metal or conducting carbon film on top of the monolayer should permit electrical contact of the monolayer from both ends. —.

In column 10, line 3, please delete "FIG. 1" and insert ~ FIG. 1A ~.

In column 10, line 5, please delete "FIG. 1A" and insert ~ FIG. 1B ~.

In column 10, line 32, please delete "FIG. 1" and insert ~ FIG. 1A ~.

In column 10, line 46, please delete "FIGS. 1 and 1A" and insert ~ FIGS. 1A and 1B ~.

In column 10, line 47, please delete "FIGS. 15" and insert ~ FIG. 15 ~.

In column 10, line 49, please delete "FIGS. 1 and 1A" and insert ~ FIGS. 1A and 1B ~.

In column 10, line 53, please delete "FIGS. 1 and 1A" and insert ~ FIGS. 1A and 1B ~.

## MAILING ADDRESS OF SENDER (Please do not use customer number below):

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485 Metro Place South, Suite 210  
Dublin, Ohio 43017-5319

This collection of information is required by 37 CFR 1.322, 1.323, and 1.324. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 1.0 hour to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Attention Certificate of Corrections Branch, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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ISSUE DATE : September 26, 2006

INVENTOR(S) : McCreery

It is certified that an error appears or errors appear in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

In column 10, line 56, please delete "FIGS. 1 and 1A" and insert -- FIGS. 1A and 1B --.

In column 10, line 59, please delete "FIGS. 1 and 1A" and insert -- FIGS. 1A and 1B --.

In column 10, line 62, please delete "FIGS. 1 and 1A" and insert -- FIGS. 1A and 1B --.

In column 11, line 8, please delete "FIG. 1" and insert -- FIG. 1A --.

In column 11, line 10, please delete "FIG. 1" and insert -- FIG. 1A --.

In column 11, line 17, please delete "FIG. 1A" and insert -- FIG. 1B --.

In column 11, line 25, please delete "FIGS. 1 and 1A" and insert -- FIGS. 1A and 1B --.

In column 11, line 26, please delete "FIG. 1A" and insert -- FIG. 1B --.

In column 13, line 26, please delete "FIG. 1" and insert -- FIG. 1A --.

In column 14, line 57, please delete "FIGS. 1 and 1A" and insert -- FIGS. 1A and 1B --.

In column 14, line 65, please delete "FIGS. 1 and 1A" and insert -- FIGS. 1A and 1B --.

In column 15, line 3, please delete "FIGS. 1 and 1A" and insert -- FIGS. 1A and 1B --.

In column 15, line 10, please delete "FIGS. 1 and 1A" and insert -- FIGS. 1A and 1B --.

In column 15, line 12, please delete "FIGS. 1 and 1A" and insert -- FIGS. 1A and 1B --.

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